

# **Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A process for producing plane-parallel platelets, comprising the steps of:

a) coating a partial surface of a rigid carrier ~~rotatable about an axis (5)~~ with a separating agent and at least one product layer, said rigid carrier being rotatable about an axis normal to the partial surface, said rigid carrier being disposed in a vacuum chamber,

b) transporting said partial surface ~~through~~ by rotation of said rigid carrier ~~(5)~~ subsequently to step a),

c) stripping said product layer from said partial surface of said rigid carrier ~~subsequently to step b),~~ in such a way that plane-parallel platelets are produced, wherein steps a), b) and c) are performed continuously and concurrently on different partial surfaces of said rigid carrier.

2. (Currently Amended) The process according to claim 1, wherein said separating agent coating said partial surface of said rigid carrier ~~(5)~~ is coated with an inorganic separating agent applied in step a) prior to application of said product layer, and said inorganic separating agent layer ~~is dissolved in step c).~~

3. (Currently Amended) The process according to claim 1, wherein in step a) at least two product layers are applied on said partial surface for opposite sides of said rigid carrier ~~(5)~~.

4. (Currently Amended) The process according to claim 1, wherein steps a) to c) are performed during one rotation of said rigid carrier ~~(5)~~.

5. (Currently Amended) ~~The A process according to claim 1 for producing plane-parallel platelets, comprising the steps of:~~

a) coating a partial surface of a rigid carrier with a separating agent and at least one product layer, said rigid carrier being rotatable about an axis normal to the partial surface, said rigid carrier being disposed in a vacuum chamber,

b) transporting said partial surface by rotation of said rigid carrier,

c) stripping said product layer from said partial surface of said rigid carrier, such that plane-parallel platelets are produced, wherein steps a) and b) are performed during at least two rotations one rotation of said rigid carrier (5) for each of said separating agent and said at least one product layer and are followed by step c).

6. (Currently Amended) The process according to claim 1, wherein steps a), b) and c) are performed ~~continuously and simultaneously on different partial surfaces of said carrier~~ at a same constant angular velocity of said rigid carrier.

7. (Currently Amended) The process according to claim 1, wherein ~~a method of the coating a partial surface is performed~~ under vacuum ~~is used~~ in step a).

8. (Currently Amended) An apparatus for producing plane-parallel platelets, in particular for implementing the process ~~according to any one of the preceding claims~~, comprising:

a rigid carrier-(5) disposed in a vacuum chamber, said rigid carrier having a partial surface and being rotatable about an axis normal to the partial surface,

separator coating means for coating said rigid carrier with a separating agent;

product coating means-(9a, 9b, 9c) for coating a said partial surface of said rigid carrier-(5) with at least one product layer over said separating agent,

stripping means-(13) for stripping said product layer from said partial surface of said rigid carrier-in such a way that plane-parallel platelets are produced, wherein

with transport of said partial surface between said product coating means-(9a, 9b, 9c) and said stripping means-(13) being effected through is transported by rotation of said rigid carrier-(5).

9. (Currently Amended) The apparatus according to claim 8, wherein ~~said carrier-(5) is located in a vacuum chamber, and an intermediate separation-(12a, 12b) for creating two pressure stages is provided~~ disposed between said coating means and said stripping means-(13).

10. (Currently Amended) The apparatus according to claim 8, ~~comprising means for coating said carrier with a separating agent layer prior to application of said product layer,~~ wherein

said separating agent is an inorganic separating agent which may be evaporated in and is evaporable under vacuum without dissociation,

said product layers include metals, oxides, fluorides or carbides, and

said rigid carrier-(5) comprises metal, glass, enamel, ceramic, or an organic material.

11. (Currently Amended) The apparatus according to claim ~~7~~ 8, wherein said rigid carrier-(5) comprises an open or closed, rotationally symmetrical, rigid body substantially axi-symmetric disc.

12. (Currently Amended) The apparatus according to claim ~~7~~ 8, wherein said rigid carrier ~~(5)~~ comprises several open or closed, rotationally symmetrical, rigid bodies which rotate about a common axis or about several axes.

13. (Currently Amended) The apparatus according to claim 12, wherein said rigid carrier (5) comprises several parallel discs of which at least one may be coated face-and-back by said product coating means.

14. (Currently Amended) The process according to claim 1, wherein said separating agent coating said partial surface of said rigid carrier ~~(5)~~ is ~~coated with~~ an organic separating agent applied in step a) prior to application of said product layer, and said organic separating agent layer is melted or dissolved in step c), thereby producing non-cohering product flakes.

15. (Cancelled)

16. (Currently Amended) The apparatus according to claim 8, ~~comprising means for coating said carrier with a separating agent layer prior to application of said product layer,~~ wherein

—————said separating agent is a meltable or soluble organic separating agent, said product layers include metals, oxides, fluorides or carbides, and said rigid carrier ~~(5)~~ comprises metal, glass, enamel, ceramic, or an organic material.